Claims

1. Process for the detection of antibodies against HIV by means of an immunoassay wherein
   a) at least one antigen of gp24 of an HIV1-subtype-D isolate and at least one antigen derived from gp41 of a different HIV1 subtype of the group M
   is used and/or
   b) at least one antigen of gp24 of an HIV1-subtype-E isolate and at least one antigen derived from gp41 of a different HIV1 subtype of the group M
   is used.

2. Process as claimed in claim 1 wherein
   a) at least one antigen derived from epitope region II of the Consensus sequence of an HIV1-subtype-D isolate and at least one antigen derived from the corresponding region of gp41 of a different HIV1 subtype of the M group is used and/or
   b) at least one antigen from epitope region I of the Consensus sequence of an HIV-1-subtype-E isolate and at least one antigen derived from the corresponding region of gp41 of a different HIV1 subtype of the M group is used.

3. Process as claimed in claim 1 wherein the antigen of gp41 of an HIV1-subtype-D isolate corresponds to SEQ ID NO 1 to 11 or partial sequences thereof
   and/or
   the antigen of gp41 of an HIV1-subtype-E isolate corresponds to SEQ ID NO 12 or partial sequences thereof.

4. Antigen mixture consisting of at least two antigens with at least one antigen derived from gp41 of an HIV1-subtype-D isolate and at least one antigen of gp41 of a different HIV1 subtype of the group M
   and/or
   at least one antigen derived from gp41 of an HIV1-subtype-E isolate and at least one antigen of gp41 of a different HIV1 subtype of the group M.

5. Antigen mixture as claimed in claim 4 wherein
   the antigen of gp41 of an HIV1-subtype-D isolate is derived from epitope region II of the Consensus sequence of HIV1-subtype D
   and/or
   the antigen of gp41 of an HIV1-subtype-E isolate is derived from epitope region I of the Consensus sequence of HIV1-subtype E.

6. Antigen mixture as claimed in claim 4 or 5 wherein
   the antigen of gp41 of an HIV1-subtype-D isolate corresponds to SEQ ID NO 1 to 11 or partial sequences thereof with a minimum length of 7 AA,
   and/or
   the antigen of gp41 of an HIV1-subtype-E isolate corresponds to SEQ ID NO 12 or partial sequences thereof with a minimum length of 6 AA.

7. Antigen mixture as claimed in one of the claims 4 to 6 wherein
   an additional antigen is used that is derived from epitope region I and/or II of HIV1-subtype O .

8. Antigen containing a sequence according to SEQ ID NO 1 to 11 or partial sequences thereof with a minimum length of 7 AA.

9. Antigen containing a sequence according to SEQ ID NO 12 or partial sequences thereof with a minimum length of 6 AA.

10. Use of an antigen mixture as claimed in one of the claims 5 to 7 for the detection of antibodies against HIV.

11. Use of an antigen as claimed in one of the claims 8 or 9 for the detection of antibodies against HIV.

12.Use of an antigen as claimed in claim 8 or 9 or of an antigen mixture as claimed in one of the claims 5 to 7 in a combination test according to DE 197 09 762.6 for the detection of antibodies against HIV.

13.Reagent for the detection of antibodies against HIV by means of an immunoassay consisting of

a) at least one antigen of gp24 of an HIV1-subtype-D isolate and at least one antigen derived from gp41 of a different HIV1 subtype of the group M

and/or

b) at least one antigen of gp24 of an HIV1-subtype-E isolate and at least one antigen derived from gp41 of a different HIV1 subtype of the group M and the usual test additives for immunoassays.

14.Reagent for the detection of antibodies against HIV by means of an immunoassay consisting of

a) at least one antigen of gp41 of an HIV1-subtype-D isolate from epitope region II of the Consensus sequence of HIV1-subtype D and at least one antigen derived from gp41 of a different HIV1 subtype of the M group and/or

b) at least one antigen of gp41 of an HIV1-subtype-E isolate from epitope region I of the Consensus sequence of HIV1-subtype E and at least one antigen derived from gp41 of a different HIV1 subtype of the M group and the usual test additives for immunoassays.

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